



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on April 8, 2004.

Bacil  
Attorney for Applicant(s)

PATENT APPLICATION

Docket No.: SJO920030100US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Scott J. Colbeck et al. )  
Serial No.: 10/763,528 )  
Filing Date: January 23, 2004 ) Group Art  
For: GUI-BASED GRID COMPUTING DATA ) Unit:  
MANAGEMENT APPARATUS METHOD AND )  
SYSTEM )

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement discloses information which has come to the attention of applicant and his attorneys and is being submitted so as to comply with the duty of disclosure set forth in 37 C.F.R. § 1.56. In accordance with 37 C.F.R. § 1.97(b), this Statement is being filed within three (3) months of the filing date of the above-identified application or before the mailing date of a first Action on the merits.

Neither applicant nor his attorneys make any representation that any information disclosed herein may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103. Moreover, pursuant to 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement

shall not be construed as a representation that a search has been made or as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

In accordance with 37 C.F.R. § 1.98, this Information Disclosure Statement includes and is accompanied by:

1. A completed copy of Form PTO-1449 listing the patents, publications and other information being submitted for consideration; and
2. A legible copy of each publication and other item of information in written form listed on the enclosed Form PTO-1449.

#### NON-ENGLISH INFORMATION

Pursuant to 37 C.F.R. § 1.98, following is a concise explanation of the relevance (as it is presently understood by the individual designated in 37 C.F.R. § 1.56(c) most knowledgeable about the content of the information), of each listed patent, publication or other information that is not in the English language.

**KR 2002096027 A**

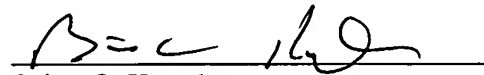
#### Abstract

Novelty: A grid file system for storing the files and offering a service by using the storage of a personal computer and the network resources distributed worldwide is provided to transmit the large capacity of the data regardless of a bandwidth by dispersing the bandwidth requested in the file transfer depending on the number of the personal **\*\*computers\*\*** in a **\*\*grid\*\*** area.

Detailed Description: A grid file system server fragments the file of the large capacity and **\*\*replicates\*\*** the fragment files. The replica files are dispersed in the personal **\*\*computers\*\*** participating in the **\*\*grid\*\*** file system service. If the specific data are requested, the file search and inquiry are requested for a central server having the file distribution information of the grid file system via a grid file system agent. The files dispersed in the various places are downloaded

sequentially, and added to each other to obtain a complete file. Herein, the parallel processing is possible and the network environment of a high bandwidth is not needed. Thus, a high-quality file service is realized.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'B=C 169', is written over a horizontal line.

Brian C. Kunzler  
Reg. No. 38,527  
Attorney for Applicant

Date: April 8, 2004

Brian C. Kunzler  
8 East Broadway, Suite 600  
Salt Lake City, Utah 84111  
Telephone: 801/994-4646



<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (use several sheets if necessary)	<b>SERIAL NO.</b> 10/763,528	<b>ATTORNEY DOCKET NO.</b> SJO920030100US1
	<b>FILING DATE</b> January 23, 2004	<b>GROUP ART UNIT</b>
	<b>APPLICANT(S):</b> Scott J. Colbeck et al.	

**REFERENCE DESIGNATION****U.S. PATENT DOCUMENTS**

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	6,055,515	04/25/2000	Consestino et al.	705/27	07/30/1996
	A2	6,463,454	10/08/2002	Lumelsky et al.	709/105	06/17/1999
	A3	6,446,980	10/15/2002	Lumelsky et al.	709/226	06/17/1999
	A4	6,516,350	02/04/2003	Lumelsky et al.	709/226	06/17/1999
	A5	6,606,643	08/12/2003	Emens et al.	709/203	01/04/2000
	A6	2002/0052941	05/02/2002	Patterson	709/223	05/22/2001
	A7	2002/0073082	06/13/2002	Duvillier et al.	707/3	11/20/2001
	A8	2002/0133491	707/10	Sim et al.	707/10	10/26/2001
	A9	2003/0191795	709/105	Bernardin et al.	709/105	11/27/2002
	A10	2003/0226033	12/04/2003	Zinda et al.	713/201	05/30/2002
	A11	2004/0019624	01/29/2004	Sukegawa	709/201	01/14/2003
	A12	2004/0034822	02/19/2004	Marchand	714/712	05/23/2003

**FOREIGN PATENT DOCUMENTS**

EXAMINE R INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
						YES	NO
	A13	KR 2002096027	Dec. 28, 2002		G06F-107/30		

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
-----------------	------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



## NON-PATENT DOCUMENTS

EXAMINE R INITIAL		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)
	A14	Iamnitchi et al., "A Peer-to-Peer Approach to Resource Location in Grid Environments", Proceedings of the 11 <sup>th</sup> IEEE International Symposium on High Performance Distributed Computing HPDC-11 2002
	A15	Sudharshan Vazhkudai et al., "Predicting the Performance of Wide Area Data Transfers", Proceedings of the 16 <sup>th</sup> International Parallel and Distributed Processing Symposium (IPDPS 2002), 10 pages.
	A16	Heinz Stockinger et al., "File and Object Replication in Data Grids", 10 <sup>th</sup> IEEE Symposium on High Performance and Distribution Computing (HPDC 2001), San Francisco, California, August 7-9, 2001.
	A17	Sudharshan Vazhkudai et al., "Replica Selection in the Globus Data Grid", IEEE International Symposium on Cluster Computing and the Grid (CCGrid2001), May 2001, Pages 106-113.
	A18	Gregor von Laszewski et al., "A File Transfer Component for Grids", 2003 International on Parallel and Distributed Processing Techniques and Applications, June 23-26, 2003, Las Vegas, Nevada, 7 pages.
	A19	Folder Clone, "Automated Folder Mirroring Software", <a href="http://www.folderclone.com">www.folderclone.com</a>
	A20	Ann Chervenak et al., "Giggle: A Framework for Constructing Scalable Replica Location Services", IEEE Symposium 2002
	A21	Salty Brine Software, "FolderClone", <a href="http://www.sharewareorder.com/FolderClone-download-19306.htm">www.sharewareorder.com/FolderClone-download-19306.htm</a>

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).